

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101915\
 Data File : BE091025.D
 Acq On : 19 Oct 2015 17:52
 Operator : UM/NP
 Sample : G4075-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 20 01:02:00 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE101415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 01:00:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	8781	0.40	ng/ul	0.00
2) Naphthalene-d8	9.61	136	43602	0.40	ng/ul	0.00
6) Acenaphthene-d10	13.43	164	24904	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.25	188	2559640	0.40	ng/ul	0.09
16) Chrysene-d12	20.31	240	67282	0.40	ng/ul	0.00
20) Perylene-d12	22.09	264	3353729	0.40	ng/ul	-0.12

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.12	152	12578	0.26	ng/ul	0.00
14) Fluoranthene-d10	18.15	212	33837	0.01	ng/ul	0.00

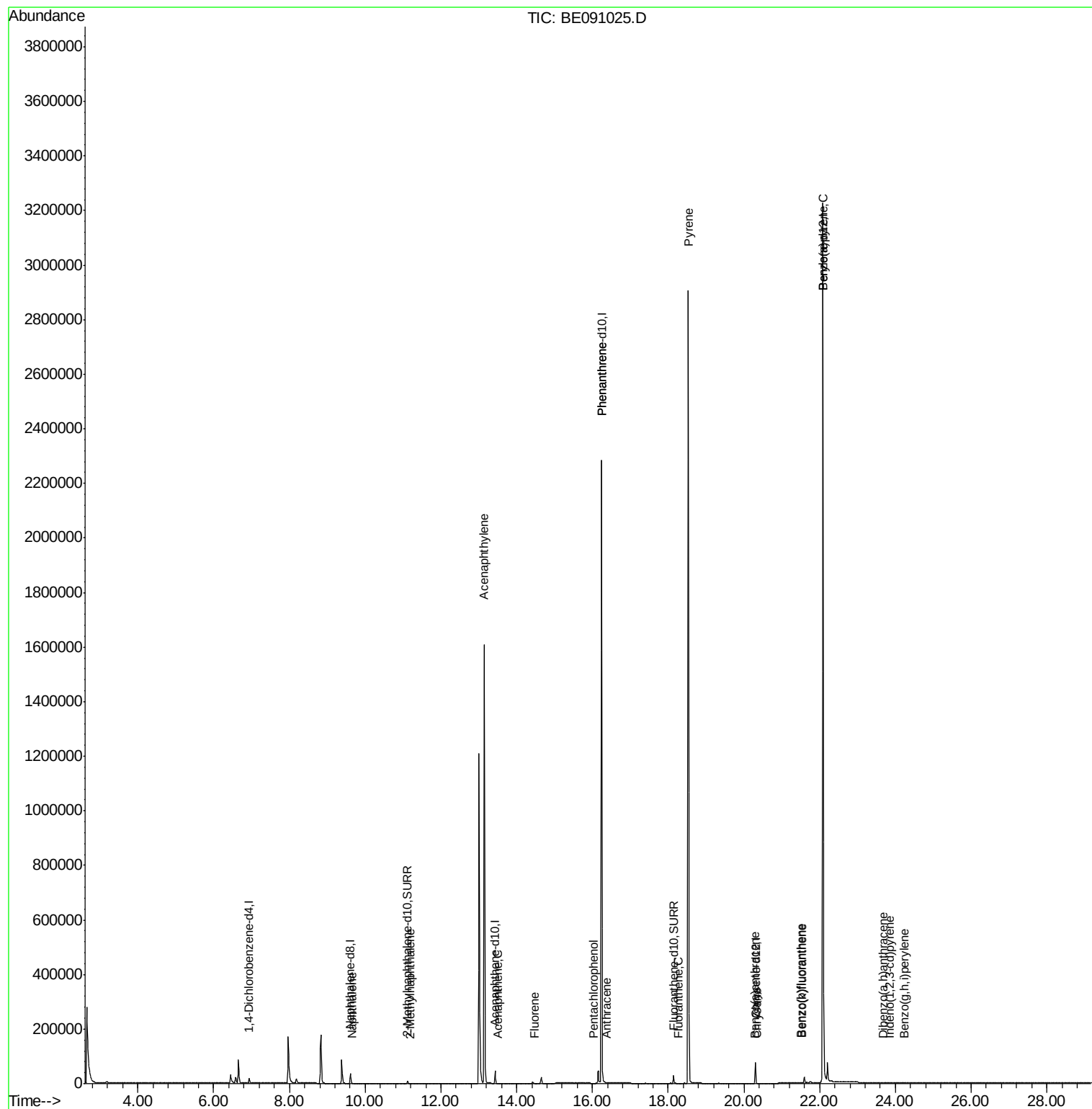
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	9.66	128	1463	0.01	ng/ul#	2
5) 2-Methylnaphthalene	11.19	142	110	0.00	ng/ul	81
7) Acenaphthylene	13.14	152	250	0.00	ng/ul#	1
8) Acenaphthene	13.50	153	111	0.00	ng/ul#	69
9) Fluorene	14.48	166	160	0.00	ng/ul#	83
11) Pentachlorophenol	16.03	266	12	0.00	ng/ul#	33
12) Phenanthrene	16.25	178	6048	0.00	ng/ul#	1
13) Anthracene	16.38	178	180	0.00	ng/ul#	1
15) Fluoranthene	18.28	202	72	0.00	ng/ul#	1
17) Pyrene	18.53	202	20583	0.04	ng/ul#	1
18) Benzo(a)anthracene	20.27	228	245	0.00	ng/ul#	41
19) Chrysene	20.34	228	302	0.00	ng/ul#	57
21) Benzo(b)fluoranthene	21.51	252	115	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	21.54	252	53	0.00	ng/ul#	1
23) Benzo(a)pyrene	22.09	252	12916	0.00	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	23.86	276	1322	0.00	ng/ul	93
25) Dibenzo(a,h)anthracene	23.69	278	46	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	24.23	276	49	0.00	ng/ul#	1

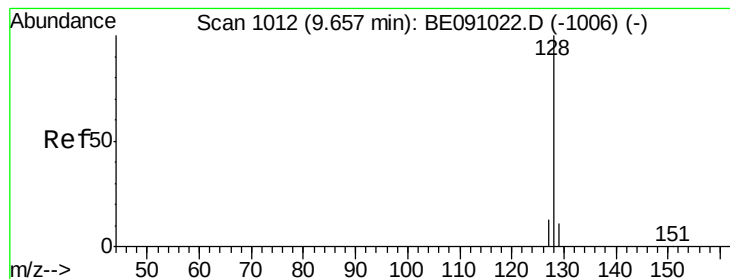
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 20 01:00:24 2015
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#3

Naphthalene

Concen: 0.01 ng/ul

RT: 9.66 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BE091025.D

Acq: 19 Oct 2015 17:52

Instrument :

BNA_E

ClientSampleId :

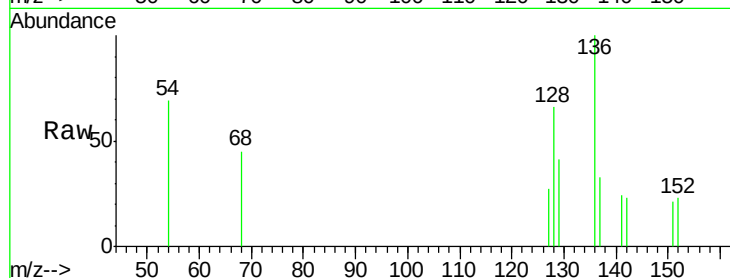
Tot Ion:128 Resp: 1463

Ion Ratio Lower Upper

128 100

129 61.8 9.0 13.4#

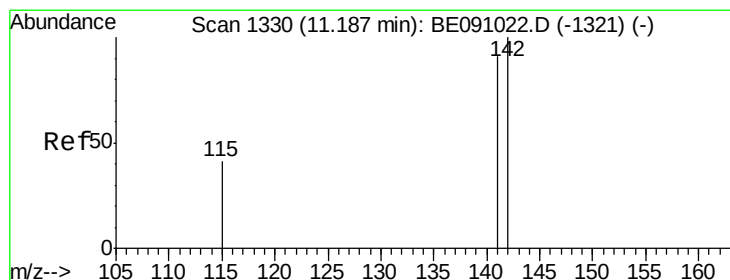
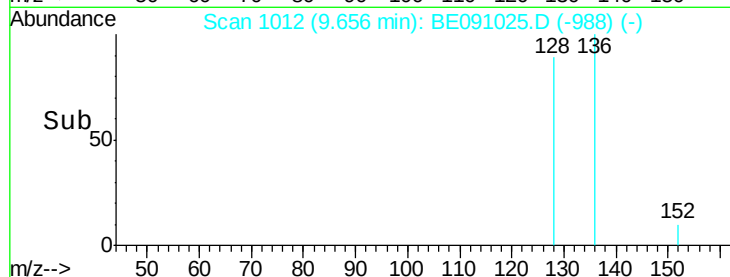
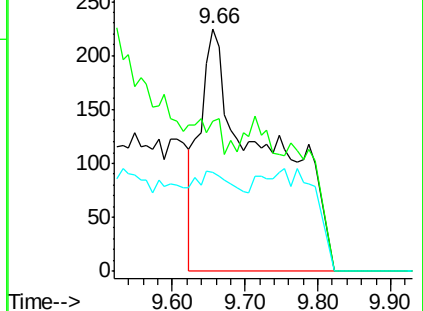
127 40.9 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 11.19 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BE091025.D

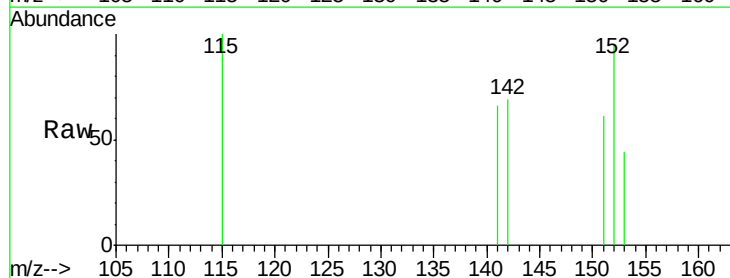
Acq: 19 Oct 2015 17:52

Tgt Ion:142 Resp: 110

Ion Ratio Lower Upper

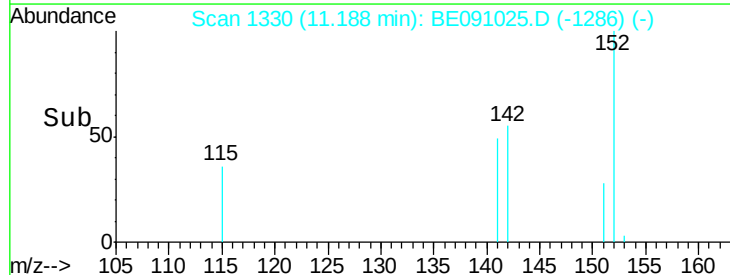
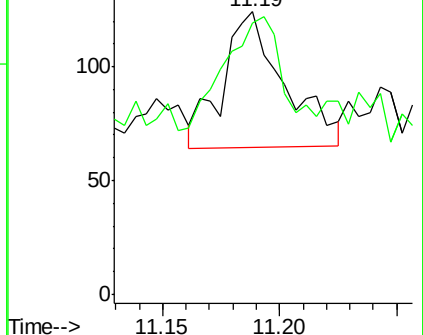
142 100

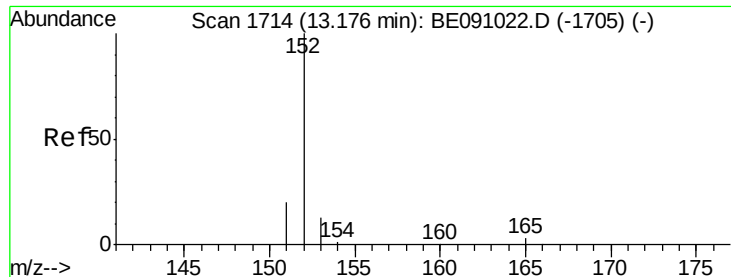
141 80.0 79.4 119.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.00 ng/ul

RT: 13.14 min Scan# 1710

Delta R.T. -0.03 min

Lab File: BE091025.D

Acq: 19 Oct 2015 17:52

Instrument :

BNA_E

ClientSampleId :

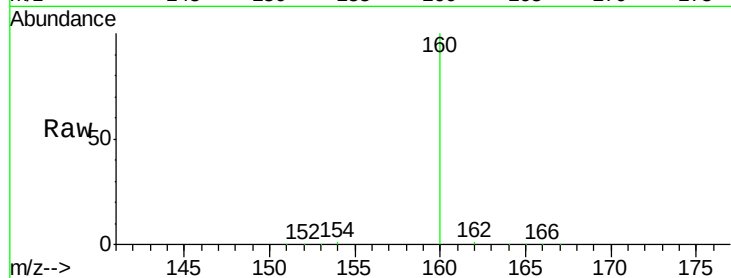
Tot Ion:152 Resp: 250

Ion Ratio Lower Upper

152 100

151 66.8 16.6 24.8#

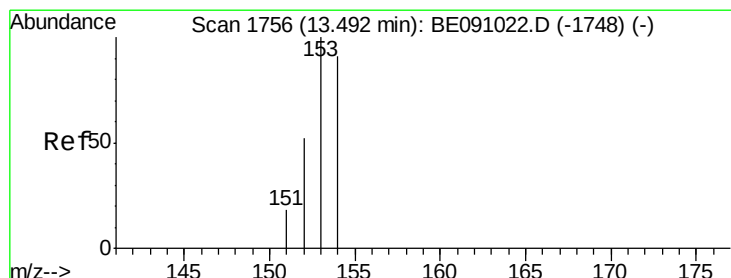
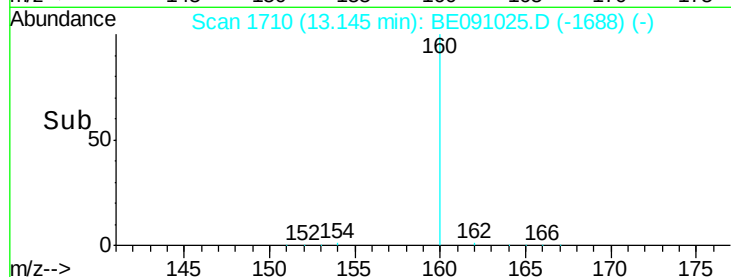
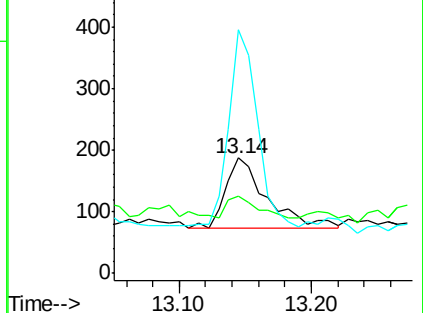
153 211.8 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.00 ng/ul

RT: 13.50 min Scan# 1757

Delta R.T. 0.01 min

Lab File: BE091025.D

Acq: 19 Oct 2015 17:52

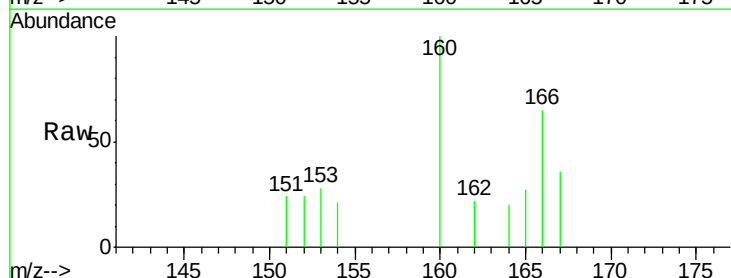
Tgt Ion:153 Resp: 111

Ion Ratio Lower Upper

153 100

152 87.9 39.8 59.8#

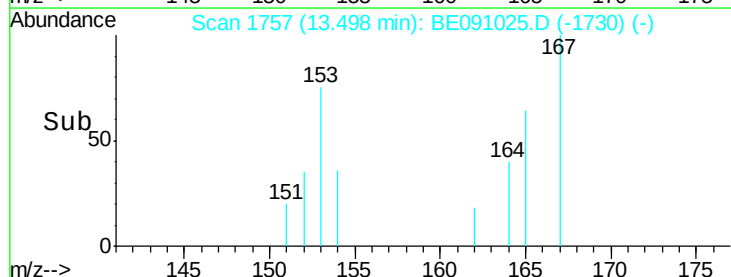
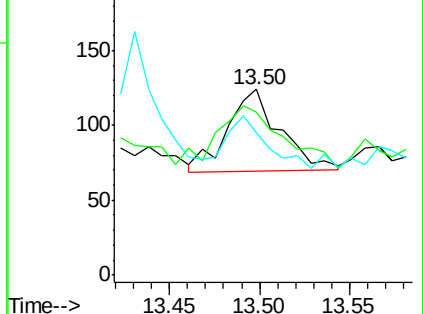
154 76.6 75.4 113.2

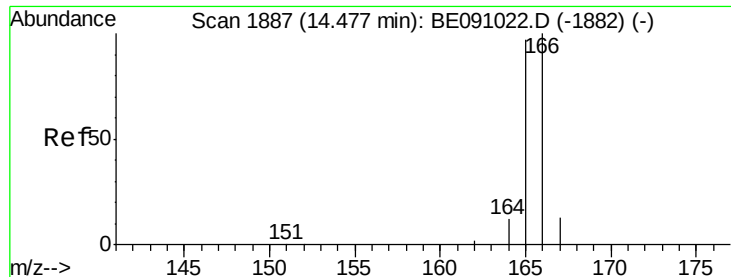


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

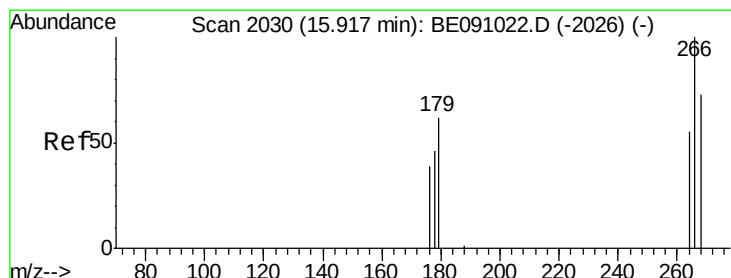
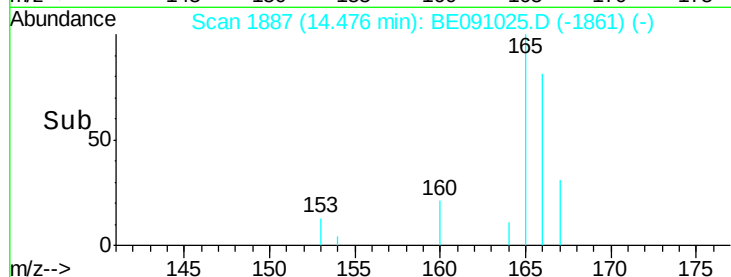
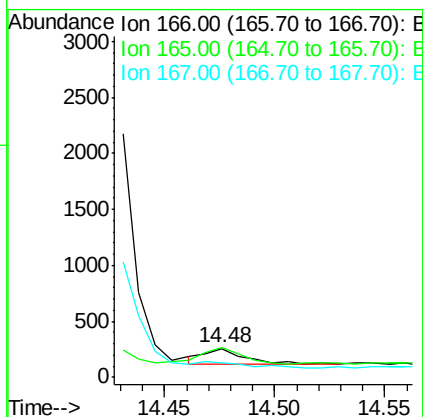
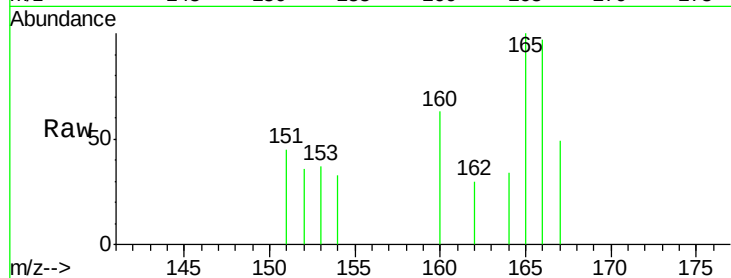




#9
 Fluorene
 Concen: 0.00 ng/ul
 RT: 14.48 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BE091025.D
 Acq: 19 Oct 2015 17:52

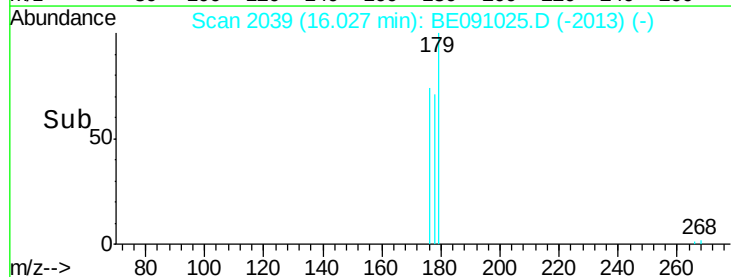
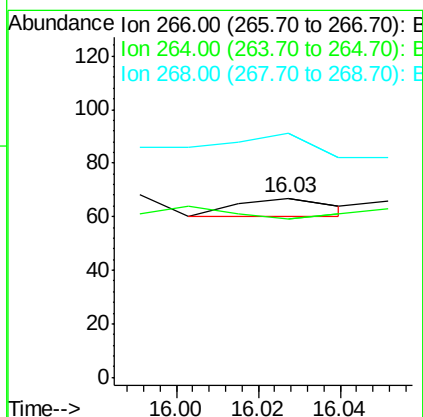
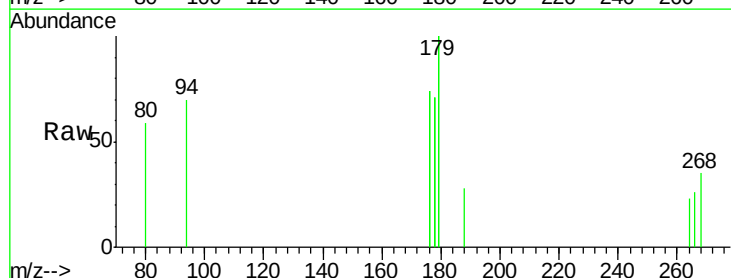
Instrument :
 BNA_E
 ClientSampleId :

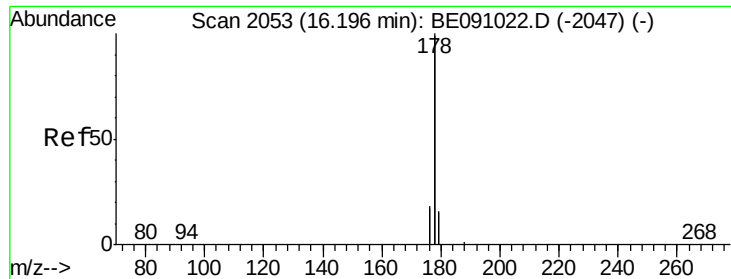
Tot Ion:166 Resp: 160
 Ion Ratio Lower Upper
 166 100
 165 103.1 77.7 116.5
 167 50.8 10.9 16.3#



#11
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.03 min Scan# 2039
 Delta R.T. 0.11 min
 Lab File: BE091025.D
 Acq: 19 Oct 2015 17:52

Tgt Ion:266 Resp: 12
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.7 76.1#
 268 116.7 57.6 86.4#





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 16.25 min Scan# 2057

Delta R.T. 0.05 min

Lab File: BE091025.D

Acq: 19 Oct 2015 17:52

Instrument :

BNA_E

ClientSampleId :

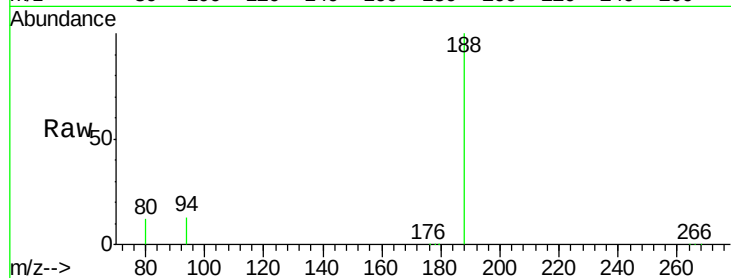
Tot Ion:178 Resp: 6048

Ion Ratio Lower Upper

178 100

176 14.1 16.9 25.3#

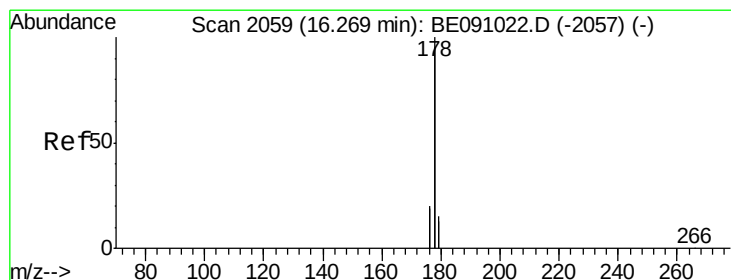
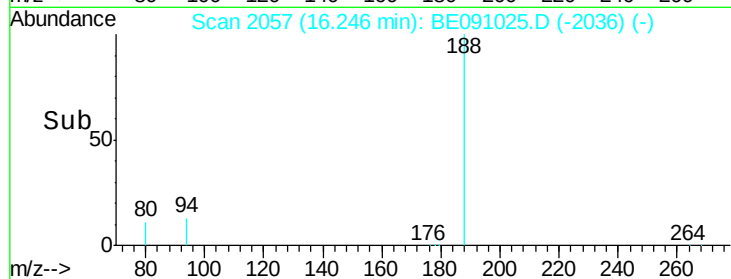
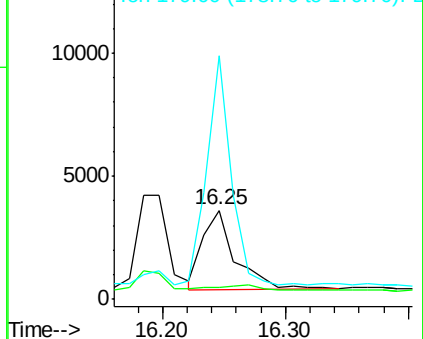
179 274.2 12.0 18.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#13

Anthracene

Concen: 0.00 ng/ul

RT: 16.38 min Scan# 2068

Delta R.T. 0.11 min

Lab File: BE091025.D

Acq: 19 Oct 2015 17:52

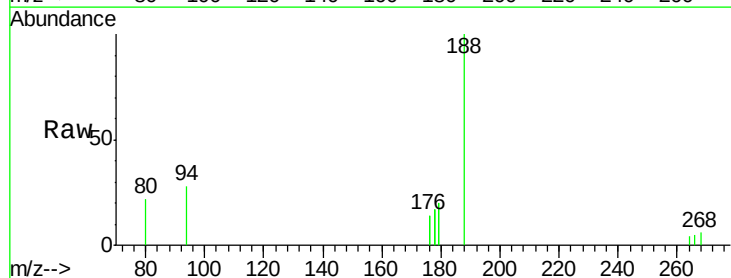
Tgt Ion:178 Resp: 180

Ion Ratio Lower Upper

178 100

176 78.9 14.9 22.3#

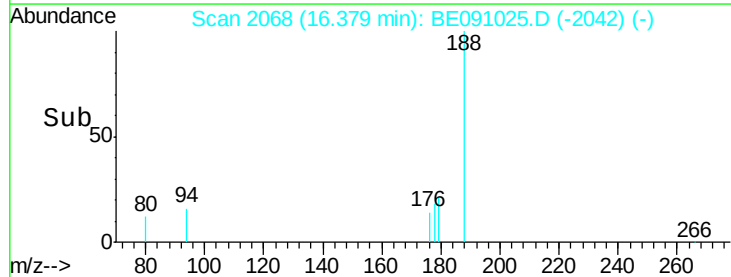
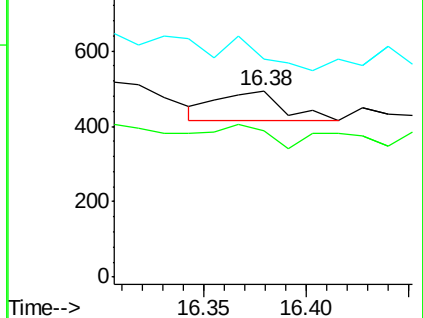
179 117.4 12.3 18.5#

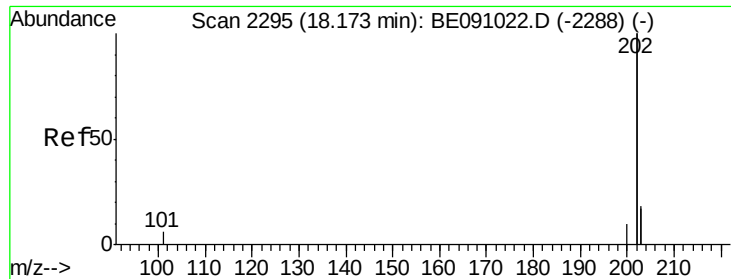


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

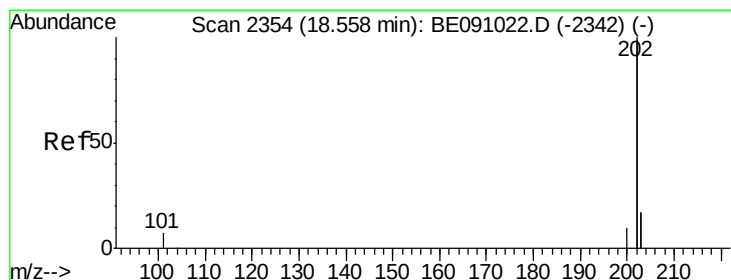
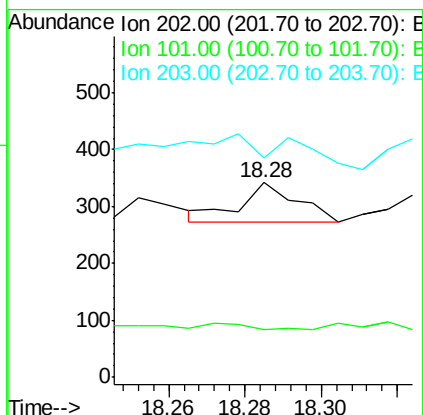
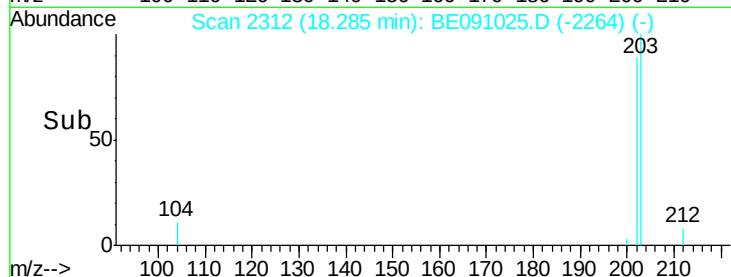
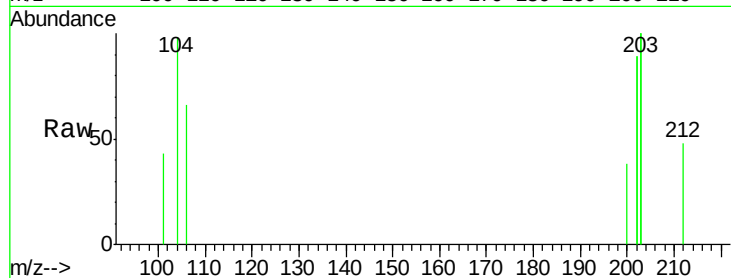




#15
Fluoranthene
Concen: 0.00 ng/ul
RT: 18.28 min Scan# 2312
Delta R.T. 0.11 min
Lab File: BE091025.D
Acq: 19 Oct 2015 17:52

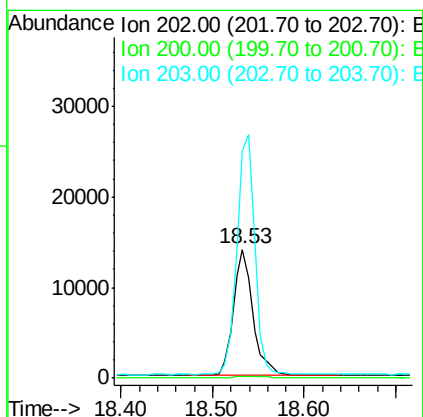
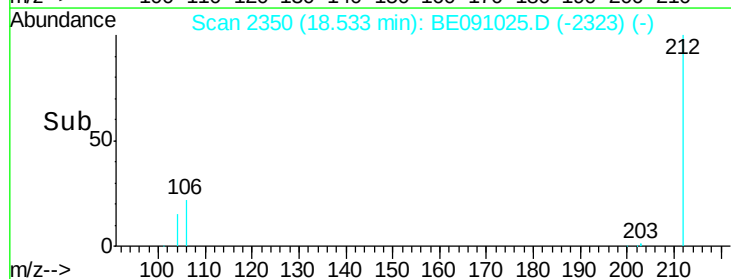
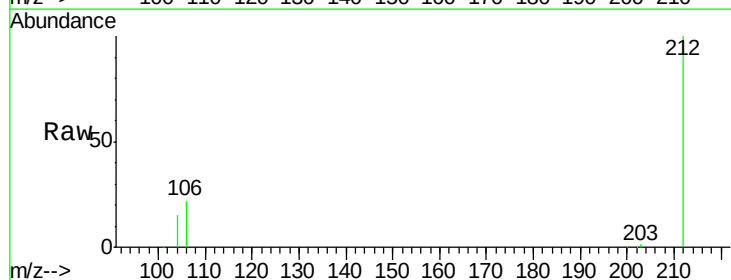
Instrument :
BNA_E
ClientSampled :

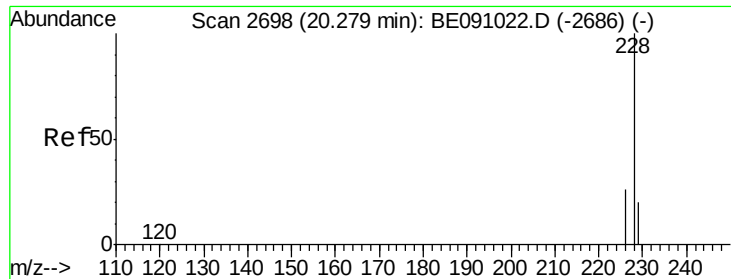
Tot Ion:202 Resp: 72
Ion Ratio Lower Upper
202 100
101 24.3 0.0 23.7#
203 112.9 0.0 37.5#



#17
Pyrene
Concen: 0.04 ng/ul
RT: 18.53 min Scan# 2350
Delta R.T. -0.03 min
Lab File: BE091025.D
Acq: 19 Oct 2015 17:52

Tgt Ion:202 Resp: 20583
Ion Ratio Lower Upper
202 100
200 1.5 4.3 6.5#
203 175.9 13.9 20.9#





#18

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 20.27 min Scan# 2697

Delta R.T. -0.00 min

Lab File: BE091025.D

Acq: 19 Oct 2015 17:52

Instrument :

BNA_E

ClientSampled :

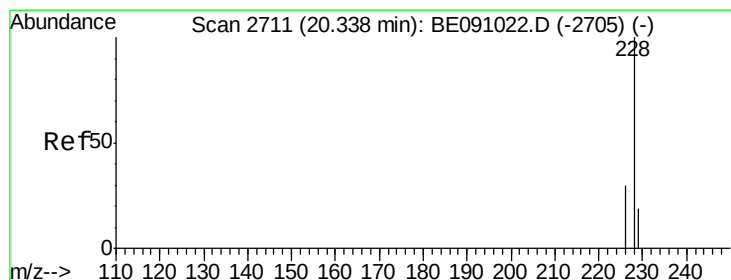
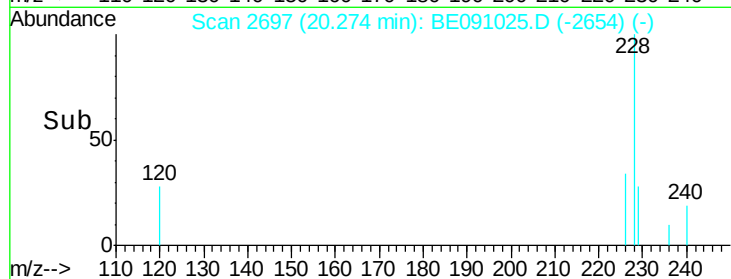
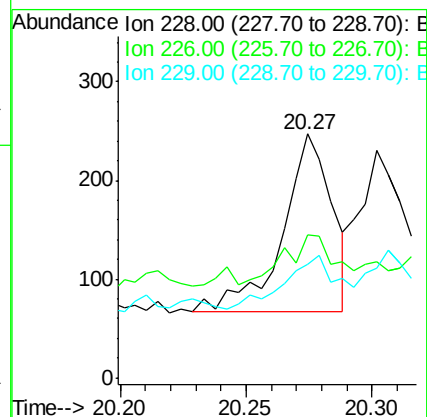
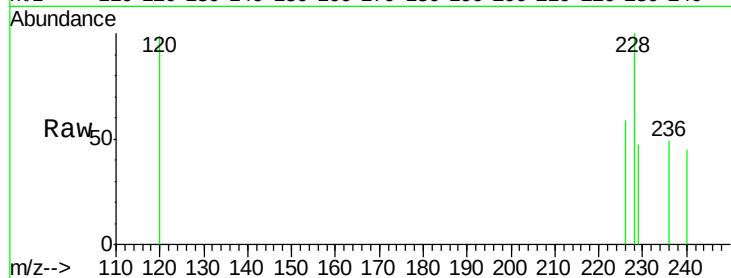
Tot Ion:228 Resp: 245

Ion Ratio Lower Upper

228 100

226 58.7 22.1 33.1#

229 46.6 15.8 23.6#



#19

Chrysene

Concen: 0.00 ng/ul

RT: 20.34 min Scan# 2711

Delta R.T. 0.00 min

Lab File: BE091025.D

Acq: 19 Oct 2015 17:52

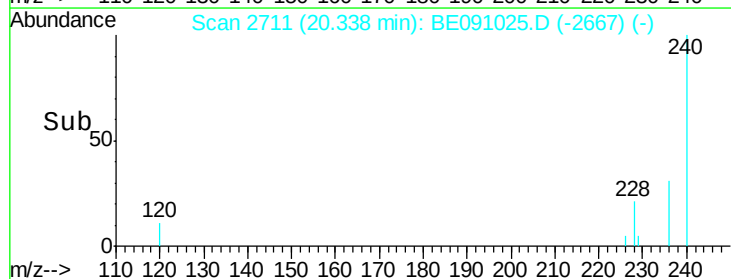
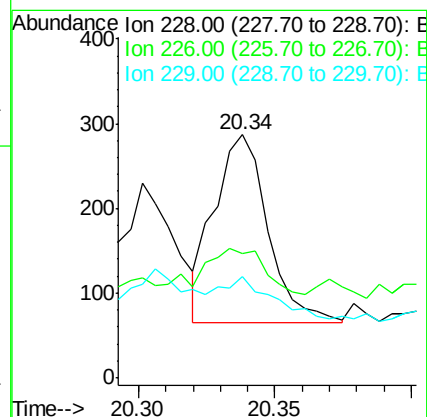
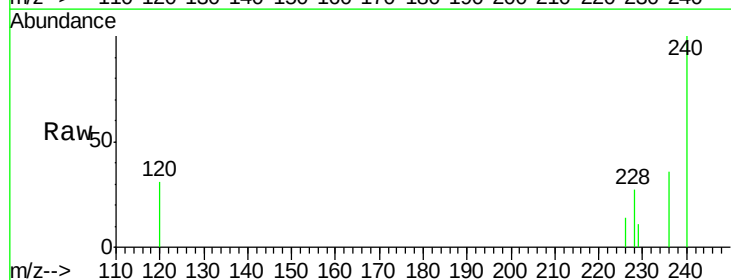
Tgt Ion:228 Resp: 302

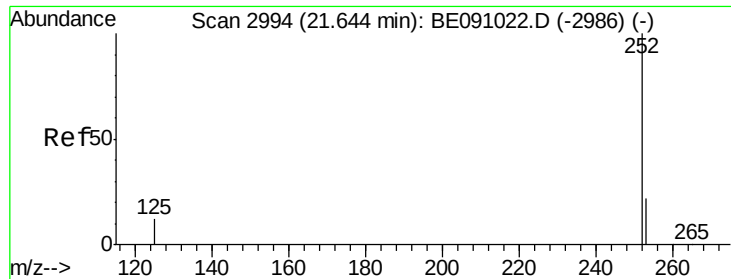
Ion Ratio Lower Upper

228 100

226 50.9 23.6 35.4#

229 41.8 15.8 23.8#





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 21.51 min Scan# 2964

Delta R.T. -0.14 min

Lab File: BE091025.D

Acq: 19 Oct 2015 17:52

Instrument :

BNA_E

ClientSampleId :

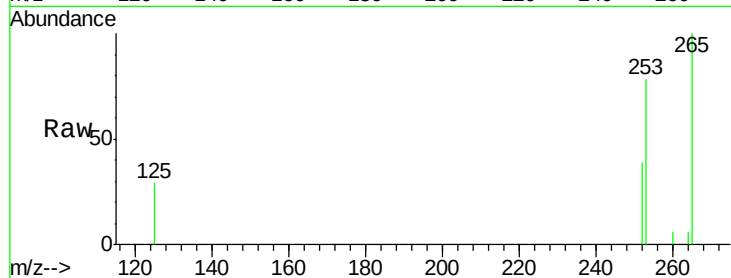
Tot Ion:252 Resp: 115

Ion Ratio Lower Upper

252 100

253 200.6 0.0 76.2#

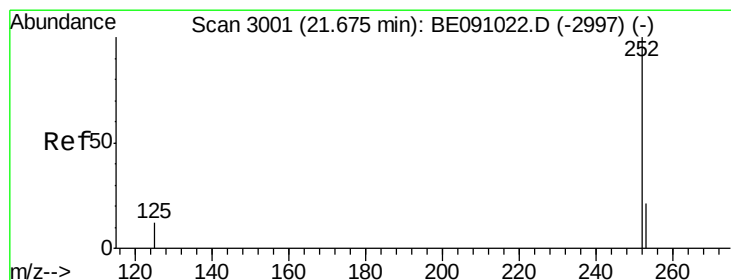
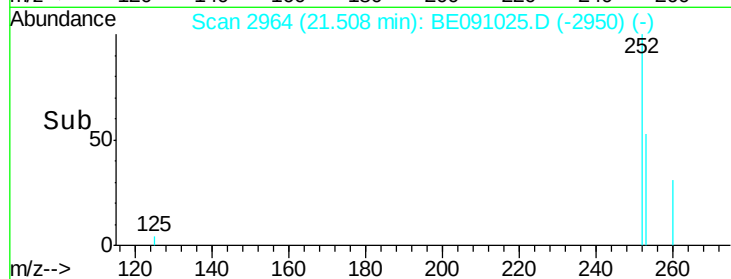
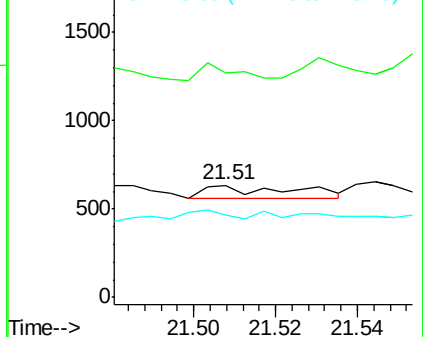
125 73.7 0.0 31.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 21.54 min Scan# 2972

Delta R.T. -0.13 min

Lab File: BE091025.D

Acq: 19 Oct 2015 17:52

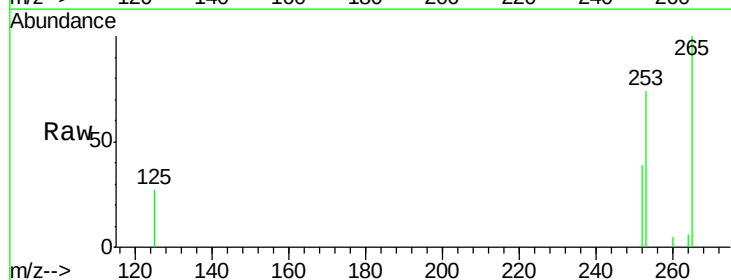
Tgt Ion:252 Resp: 53

Ion Ratio Lower Upper

252 100

253 192.8 29.8 44.6#

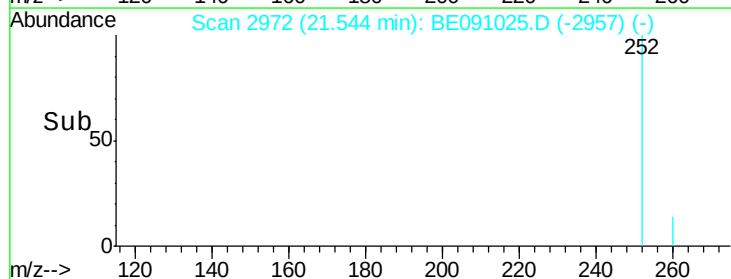
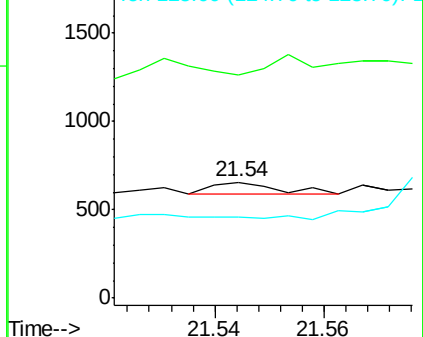
125 70.5 12.2 18.4#

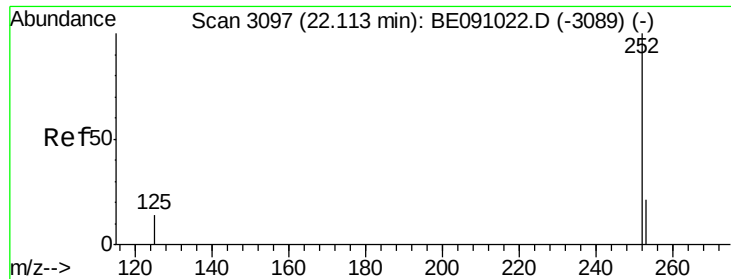


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 22.09 min Scan# 3092

Delta R.T. -0.02 min

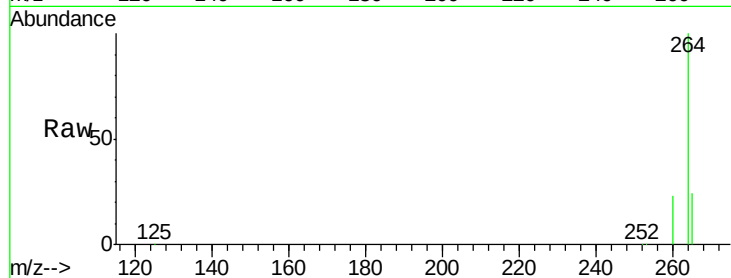
Lab File: BE091025.D

Acq: 19 Oct 2015 17:52

Instrument :

BNA_E

ClientSampleId :



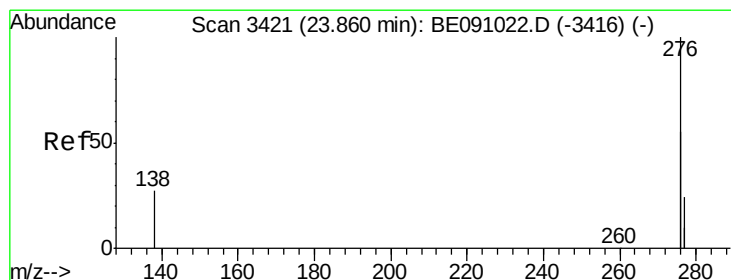
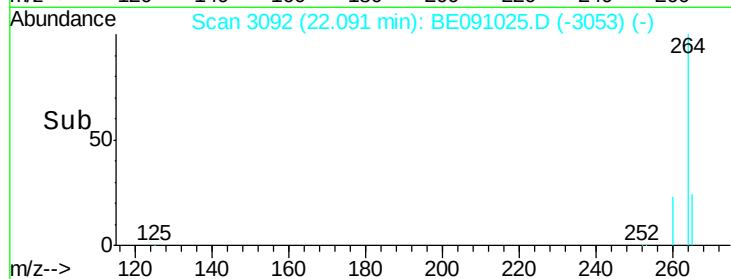
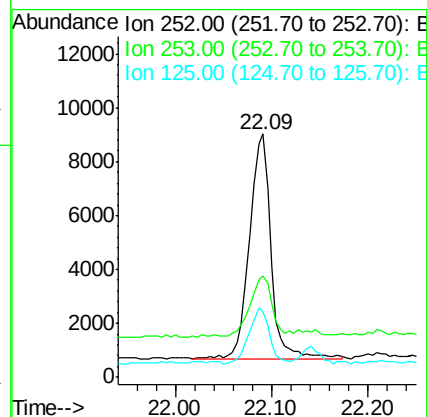
Tot Ion:252 Resp: 12916

Ion Ratio Lower Upper

252 100

253 41.8 34.0 51.0

125 27.1 13.6 20.4#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 23.86 min Scan# 3420

Delta R.T. -0.00 min

Lab File: BE091025.D

Acq: 19 Oct 2015 17:52

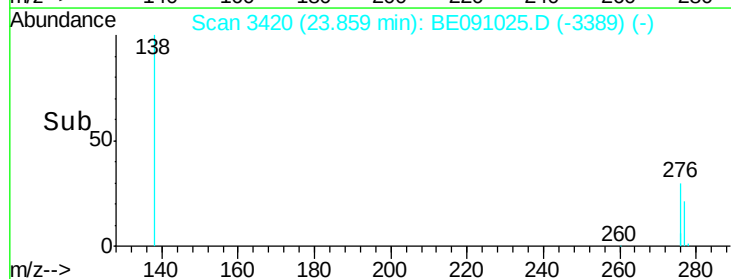
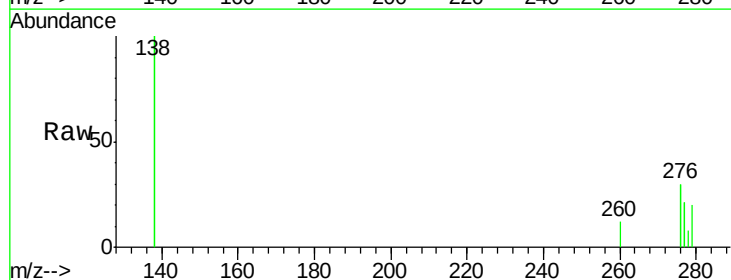
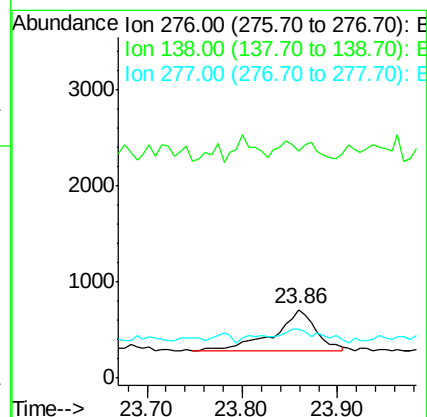
Tgt Ion:276 Resp: 1322

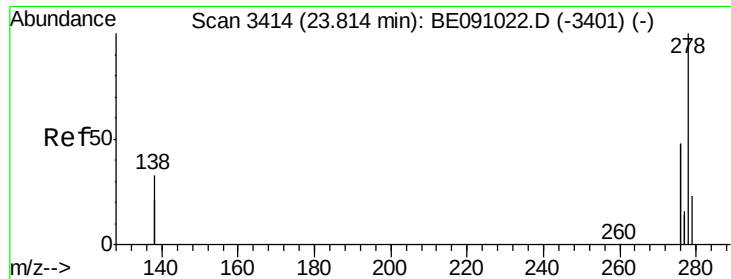
Ion Ratio Lower Upper

276 100

138 21.6 19.5 29.3

277 19.7 19.4 29.0



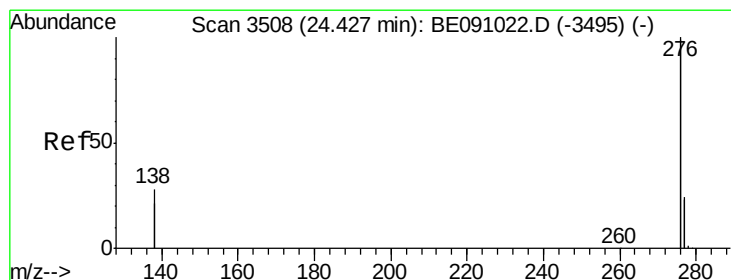
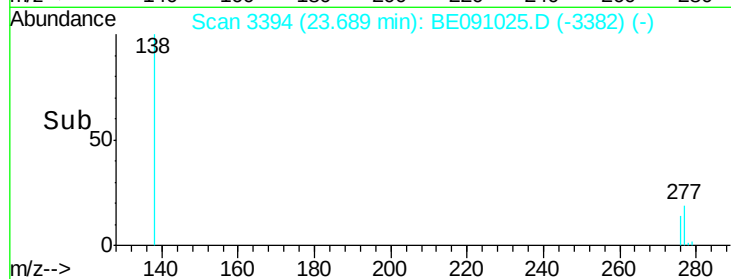
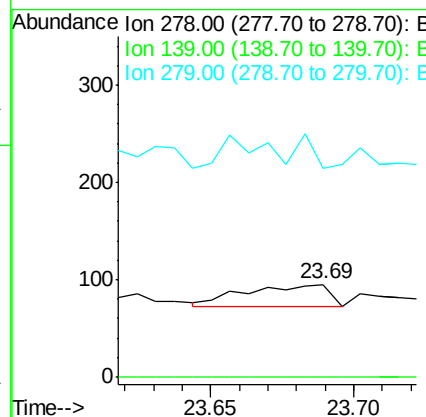
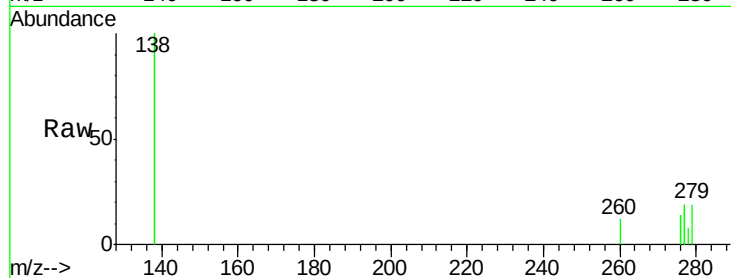


#25
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 23.69 min Scan# 3394
Delta R.T. -0.12 min
Lab File: BE091025.D
Acq: 19 Oct 2015 17:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 46

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	225.3	22.1	33.1#



#26
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 24.23 min Scan# 3477
Delta R.T. -0.20 min
Lab File: BE091025.D
Acq: 19 Oct 2015 17:52

Tgt Ion:276 Resp: 49

Ion	Ratio	Lower	Upper
276	100		
277	145.6	19.8	29.8#
138	801.4	29.4	44.2#

